

## **REMARKS**

Claims 1-8 are pending in the application. In the Office Action, the Examiner has rejected Claims 1-8 under 35 U.S.C. § 103 (a) as being unpatentable over the Jung et al. (U.S. Patent 6,097,949) in view of Pecen et al. (U.S. Patent 6,493,559), and further in view of Gaskill et al. (U.S. Patent 5,481,254).

Regarding the rejections of independent Claims 1, 3, and 5 under § 103 (a), the Examiner states that Jung in view of Pecen and further in view of Gaskill renders the claims unpatentable. Jung discloses a method for providing closed user group service in a mobile communication network; Pecen discloses a method for receiving SMSCB messages during GPRS/EDGE data transfer mode; and, Gaskill et al. discloses group message delivery in a time-division multiplexed paging system.

With respect to Claim 1, the Examiner has alleged that lines 47-63 in col. 3 of Pecen discloses the following features recite in Claim 1 of the present application: (i) converting broadcasting information to a predetermined message code that includes code for a type of the broadcasting information, (ii) generating a message having a header in a format predetermined depending on the type, and (iii) the converted predetermined message code including a code determined for at least one word for indicating the contents of the broadcasting information. Applicant respectfully disagrees.

However, as described on lines 47-63 in col. 3 of Pecen, Fig. 2 illustrates that a single cell broadcast channel data block 200 includes a header 202, which contains addressing and geographical information, and a data area 204. Fig. 2 further illustrates that a cell broadcast service message 206 is produced by combining four of the cell broadcast channel data blocks 200 which are combined to produce a single cell broadcast service macro-message 208. Further, Fig. 3 illustrates that the above relationship gives rise to an orthogonal arrangement of lists that may be viewed as a set of addresses, each associated with a specific user-selected CBS message type,

and each message reception control block 210 includes a cell broadcast type component 212 indicating the type of broadcast message (CBS type) to be recognized by a mobile device, and a geographic data component 214 to indicate whether the mobile device has moved to a different geographical location since last receiving a message fragment.

It is respectfully submitted that Pecen relates to a method enabling a mobile device to receive short-sentence service cell broadcast messages during GPRS/EDGE data transfer. More specifically, Pecen is merely directed to a single cell broadcast channel data block 200 including a header 202, which contains addressing and geographical information, and a data area 204.

Still further, Pecen is merely directed to a separate message control block (210) that includes (i) a cell broadcast type component 212 indicating the type of broadcast message (CBS type), (ii) a geographic data component 214 to indicate whether the mobile device has moved to a different geographical location since last receiving a message fragment, (iii) a message valid pointer 216 indicating a function that validates the message in terms of temporal coherency, (iv) an all complete pointer 218 indicating a function that tests whether all blocks of all messages and all messages in a macromessage have been completely and correctly received, and (v) a message buffer address pointer 200 indicating a first buffer element of a message header 220.

Pecen does not teach or disclose at least the features of (i) converting broadcasting information to a predetermined message code that includes code for a type of the broadcasting information, (ii) generating a message having a header in a format predetermined depending on the type, and (iii) the converted predetermined message code including a code determined for at least one word for indicating the contents of the broadcasting information, as recited in Claim 1 of the present application.

Jung and Gaskill do not cure the defects of Pecen.

With respect to Claim 3, the Examiner has alleged that lines 47-63 in col. 2 of Pecen

discloses the following features recite in Claim 3 of the present application: (i) checking a header of a CBS message upon receipt of the CBS message and (ii) a code that includes a code for a type indicated by the header of the broadcast message, if the header indicates there is a coded message.

However, as pointed out in the arguments above related to Claim 1, Pecen is merely directed to a header 202, which contains addressing and geographical information, and a message reception control block including a cell broadcast type component 212 that indicates the type of a broadcast message (CBS type). Pecen does not teach or disclose a code that includes a code for a type indicated by the header of the broadcast message, if the header indicates there is a coded message, as recited in Claim 3 of the present application.

Jung and Gaskill do not cure the defects of Pecen.

With respect to Claim 5, as Claim 5 recites features similar to those of Claims 1 and 3, the arguments above relating to Claims 1 and 3 also apply to Claim 5.


Based on at least the foregoing, withdrawal of the rejection of Claims 1, 3 and 5 is respectfully requested.

Independent Claims 1, 3 and 5 are believed to be in condition for allowance. Without conceding the patentability per se of dependent Claims 2, 4 and 6-8, these are likewise believed to be allowable by virtue of their dependence on their respective amended independent claims. Accordingly, reconsideration and withdrawal of the rejections of dependent Claims 2, 4 and 6-8 is respectfully requested.

Accordingly, all of the claims pending in the Application, namely, Claims 1-8, are believed to be in condition for allowance. Should the Examiner believe that a telephone

conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicant's attorney at the number given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul J. Farrell". The signature is fluid and cursive, with the first name "Paul" and last name "Farrell" clearly distinguishable.

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